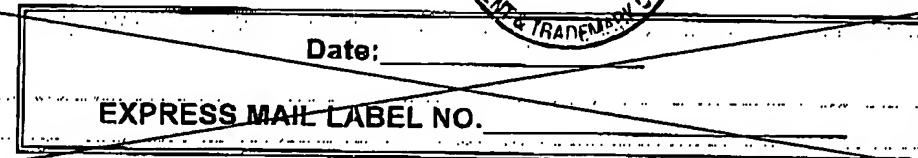


OCT 18 2004



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE.

Applicant: Tzvi Avnery and Jonathan Nord

Serial No: 10/768,968

Group

Filed: January 30, 2004

Confirmation No.: 4558

For: Gas Separation Device

**CERTIFICATE OF MAILING OR TRANSMISSION**

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:

10/15/04

Date

Ellen T. Spear

Signature

Ellen T. Spear

Typed or printed name of person signing certificate

**PROPERTY RIGHTS DECLARATION**

We, Tzvi Avnery, a citizen of Israel, residing at 74 George Road, Winchester, MA, 01890, and Jonathan Nord, a citizen of the USA, residing at 64 University Manor East, Hershey, PA, 17033; declare that:

1. We made and conceived the invention described and claimed in patent application Serial Number 10/768,968 filed in the United States of America on January 30, 2004 entitled:

Gas Separation Device

2. We made and conceived this invention while employed by Advanced Electron Beams, Inc. The invention is related to the work we are employed to perform and was made within the scope of our employment duties.
3. The invention was made during working hours and with the use of facilities, equipment, materials, funds, information and services of Advanced Electron Beams, Inc.
4. To the best of our knowledge and belief, the invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors; Energy Research and Development Administration or the Department of Energy.

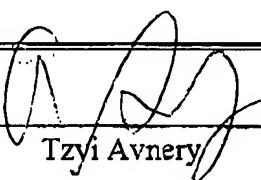
10/768,968

-2-

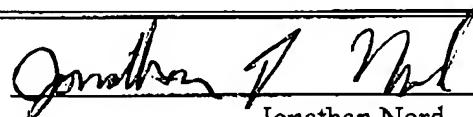
5. To the best of our knowledge and belief, the invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the National Aeronautics and Space Administration.

The undersigned inventors declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature

  
Tzyi AvneryPost Office Address: 74 George RoadWinchester, MA 01890Date: 10-13-04

Inventor's Signature

  
Jonathan Nord

Post Office Address

64 University Manor EastHershey, PA 17033Date: 10/5/04